

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|--|-----------------------------|------------------|---------|------------------|
| S16 | 664631 | business retail consumer customer | US-PGPUB; USPAT; USOCR; EPO | OR | ON | 2007/11/07 08:59 |
| S17 | 1988246 | internet web www online electronic cyber cyberspace | US-PGPUB; USPAT; USOCR; EPO | OR | ON | 2007/11/07 09:00 |
| S18 | 5311061 | order request buy buying purchase purchasing trade trading select selecting | US-PGPUB; USPAT; USOCR; EPO | OR | ON | 2007/11/07 09:18 |
| S19 | 8240720 | system program server mainframe node supernode (main adj frame) processor computer worldwideweb application app apps appts module servlet software tool engine | US-PGPUB; USPAT; USOCR; EPO | OR | ON | 2007/11/07 09:22 |
| S20 | 664631 | business retail consumer customer | US-PGPUB; USPAT; USOCR; EPO | OR | ON | 2007/11/07 09:26 |
| S21 | 1988246 | internet web www online electronic cyber cyberspace | US-PGPUB; USPAT; USOCR; EPO | OR | ON | 2007/11/07 09:26 |
| S22 | 162090 | S20 same S21 | US-PGPUB; USPAT; USOCR; EPO | OR | ON | 2007/11/07 09:26 |
| S23 | 5311061 | order request buy buying purchase purchasing trade trading select selecting | US-PGPUB; USPAT; USOCR; EPO | OR | ON | 2007/11/07 09:27 |
| S24 | 150255 | S22 and S23 | US-PGPUB; USPAT; USOCR; EPO | OR | ON | 2007/11/07 09:27 |
| S25 | 8240720 | system program server mainframe node supernode (main adj frame) processor computer worldwideweb application app apps appts module servlet software tool engine | US-PGPUB; USPAT; USOCR; EPO | OR | ON | 2007/11/07 09:28 |
| S27 | 149312 | "711".clas. "379".clas. 709/203.cccls. 715/744.cccls. 715/700-866.cccls. | US-PGPUB; USPAT; USOCR; EPO | OR | ON | 2007/11/07 10:06 |

EAST Search History

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|-----|---------|---|--------------------------------------|----|----|------------------|
| S28 | 681 | S27 and (service adj (discovery or directory)) | US-PGPUB; USPAT; USOCR; EPO | OR | ON | 2007/11/07 10:07 |
| S29 | 678 | S28 and (order request buy buying purchase purchasing trade trading select selecting) | US-PGPUB; USPAT; USOCR; EPO | OR | ON | 2007/11/07 10:07 |
| S30 | 481690 | S29 and business retail consumer customer | US-PGPUB; USPAT; USOCR; EPO | OR | ON | 2007/11/07 10:08 |
| S31 | 544 | S29 and (business retail consumer customer) | US-PGPUB; USPAT; USOCR; EPO | OR | ON | 2007/11/07 10:09 |
| S32 | 497 | S31 and (internet web www online electronic cyber cyberspace) | US-PGPUB; USPAT; USOCR; EPO | OR | ON | 2007/11/07 10:09 |
| S33 | 497 | S32 and (order request buy buying purchase purchasing trade trading select selecting) and (system program server mainframe node supernode (main adj frame) processor computer worldwideweb application app apps appts module servlet software tool engine) | US-PGPUB; USPAT; USOCR; EPO | OR | ON | 2007/11/07 10:10 |
| S34 | 2320350 | Progress or status or phase or stage | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/08 12:12 |
| S35 | 3423831 | Messag\$3 or email\$3 or transmission or (e or electronic or computeri\$3 or automats\$2 or instant or web or (web adj based)) adj (mail\$3 Or corresponden\$2 or document or letter or memo or memorand\$2 or note or notif\$6) or emessag\$3 or etext\$3 or im or ((instant or text) adj messag\$3) or (im adj ing) or iming or instantmessag\$3 or echat\$4 or electronicchat\$4 or chat\$4 or (short adj message adj service) or irc or textmessage or text\$3 | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/08 12:12 |
| S36 | 672985 | Web or www or worldwide\$3 or internet or wideweb or (home adj (page or site)) or web\$1page\$1 or homepage or web\$1site\$1 or online or (on adj line) or extranet or intranet | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/08 12:13 |

EAST Search History

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|-----|------|---|--------------------------------|----|----|------------------|
| S37 | 3456 | S35 same S34 same (Order\$3 or purchas\$3 or sale) same S36 | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/08 12:14 |
| S38 | 1795 | S37 and ("709".clas. or "705".clas. or adachi-i\$.in. or yamaguchi-satoshi\$.in. or (international adj business adj machines\$).as.) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/08 12:17 |
| S39 | 631 | S38 and ((Hierarch\$4 or level) same (Transaction or order\$3 or purchas\$3 or sale) same (Computer or node or processor or compan\$4 or server)) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/08 12:23 |
| S40 | 612 | S39 and ((detail\$3 or specifics) same (information or data or S35)) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/08 12:32 |
| S41 | 606 | S39 and ((details or specifics) same (information or data or S35)) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/08 12:33 |
| S42 | 1012 | S37 and ("709".clas. or 705/26.ccls. or adachi-i\$.in. or yamaguchi-satoshi\$.in. or (international adj business adj machines\$).as.) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/08 12:35 |
| S43 | 338 | S42 and ((Hierarch\$4 or level) same (Transaction or order\$3 or purchas\$3 or sale) same (Computer or node or processor or compan\$4 or server)) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/08 12:35 |
| S44 | 319 | S43 and ((details or specifics) same (information or data or S35)) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/08 12:36 |
| S45 | 1238 | S37 and ("705".clas. or adachi-i\$.in. or yamaguchi-satoshi\$.in. or (international adj business adj machines\$).as.) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/08 12:38 |
| S46 | 418 | S37 and (705/26.ccls. or adachi-i\$.in. or yamaguchi-satoshi\$.in. or (international adj business adj machines\$).as.) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/08 12:38 |
| S47 | 154 | S46 and ((Hierarch\$4 or level) same (Transaction or order\$3 or purchas\$3 or sale) same (Computer or node or processor or compan\$4 or server)) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/08 12:38 |
| S48 | 145 | S47 and ((details or specifics) same (information or data or S35)) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/08 12:38 |

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|-----|---------|--|--------------------------------|----|----|------------------|
| S49 | 2320350 | Progress or status or phase or stage | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/08 15:08 |
| S50 | 3423831 | Messag\$3 or email\$3 or transmission or (e or electronic or computeri\$3 or automat\$2 or instant or web or (web adj based)) adj (mail\$3 Or corresponden\$2 or document or letter or memo or memorand\$2 or note or notif\$6) or emessag\$3 or etext\$3 or im or ((instant or text) adj messag\$3) or (im adj ing) or iming or instantmessag\$3 or echat\$4 or electronicchat\$4 or chat\$4 or (short adj message adj service) or irc or textmessage or text\$3 | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/08 15:08 |
| S51 | 672985 | Web or www or worldwide\$3 or internet or wideweb or (home adj (page or site)) or web\$1page\$1 or homepage or web\$1site\$1 or online or (on adj line) or extranet or intranet | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/08 15:08 |
| S52 | 3456 | S50 same S49 same (Order\$3 or purchas\$3 or sale) same S51 | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/08 15:08 |
| S53 | 418 | S52 and (705/26.ccls. or adachi-i\$.in. or yamaguchi-satoshi\$.in. or (international adj business adj machines\$).as.) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/08 15:08 |
| S54 | 154 | S53 and ((Hierarch\$4 or level) same (Transaction or order\$3 or purchas\$3 or sale) same (Computer or node or processor or compan\$4 or server)) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/08 15:08 |
| S55 | 145 | S54 and ((details or specifics) same (information or data or S50)) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/08 15:08 |
| S56 | 35 | (S53 and ((repeat\$3 or contin\$3 or successive\$2) near5 (Computer or node or processor or compan\$4 or server))) not S55 | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/08 15:08 |
| S57 | 154 | S53 and ((Hierarch\$4 or level) same (Transaction or order\$3 or purchas\$3 or sale) same (Computer or node or processor or compan\$4 or server)) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/08 15:23 |

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|---|--------------------------------|------------------|---------|------------------|
| S1 | 4162580 | multiple many plurality | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/14 08:12 |
| S2 | 3671236 | computer client processor system | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/14 08:14 |
| S3 | 1127417 | S1 with S2 | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/14 08:15 |
| S4 | 123093 | S3 and progress | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/14 08:17 |
| S5 | 197242 | (execute utilize accomplish act make perform) same (Web or www or worldwide\$3 or internet or wideweb or (home adj (page or site)) or web\$1page\$1 or homepage or web\$1site\$1 or online or (on adj line) or extranet or intranet) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/14 08:20 |
| S6 | 21712 | S4 and S5 | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/14 08:21 |
| S7 | 2007 | progress same S5 | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/14 08:21 |
| S8 | 1452 | S3 and S7 | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/14 08:21 |
| S10 | 1190917 | (transmit send transmis\$4 transfer\$3 deliver\$3 forward\$3 rout\$3 export\$3 dispatch\$3 relay\$3 redirect\$3) same (Messag\$3 or email\$3 or transmission or (e or electronic) adj (mail\$3 Or letter) or emessag\$3 (short adj message adj service)) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/14 08:32 |
| S11 | 4162580 | multiple many plurality | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/14 08:33 |
| S12 | 3671236 | computer client processor system | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/14 08:33 |
| S13 | 1127417 | S11 with S12 | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/14 08:33 |

EAST Search History

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|-----|--------|---|--------------------------|----|----|------------------|
| S14 | 197242 | (execute utilize accomplish act make perform) same (Web or www or worldwide\$3 or internet or wideweb or (home adj (page or site)) or web\$1page\$1 or homepage or web\$1site\$1 or online or (on adj line) or extranet or intranet) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/14 08:33 |
| S15 | 2007 | progress same S14 | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/14 08:33 |
| S16 | 1452 | S13 and S15 | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/14 08:33 |
| S17 | 1161 | S16 and S10 | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/14 08:33 |
| S18 | 0 | ((multiple many plurality).ab. with (computer client processor system). ab. and ((progress) same ((execute utilize accomplish act make perform) same (Web or www or worldwide\$3 or internet or wideweb or (home adj (page or site)) or web\$1page\$1 or homepage or web\$1site\$1 or online or (on adj line) or extranet or intranet)).ab.)) and (transmit send transmis\$4 transfer\$3 deliver\$3 forward\$3 rout\$3 export\$3 dispatch\$3 relay\$3 redirect\$3) same (Messag\$3 or email\$3 or transmission or (e or electronic) adj (mail\$3 Or letter) or emessag\$3 (short adj message adj service)).ab. | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/14 08:38 |
| S19 | 18 | ((multiple many plurality).ab. with (computer client processor system). ab. and ((progress) same ((execute utilize accomplish act make perform) same (Web or www or worldwide\$3 or internet or wideweb or (home adj (page or site)) or web\$1page\$1 or homepage or web\$1site\$1 or online or (on adj line) or extranet or intranet)))) and (transmit send transmis\$4 transfer\$3 deliver\$3 forward\$3 rout\$3 export\$3 dispatch\$3 relay\$3 redirect\$3) same (Messag\$3 or email\$3 or transmission or (e or electronic) adj (mail\$3 Or letter) or emessag\$3 (short adj message adj service)).ab. | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/14 08:39 |

EAST Search History

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|-----|-----|---|-----------------------------|----|-----|------------------|
| S20 | 0 | ((multiple many plurality).ab. with (computer client processor system). ab. and ((progress.ab.) same ((execute utilize accomplish act make perform) same (Web or www or worldwide\$3 or internet or wideweb or (home adj (page or site)) or web\$1page\$1 or homepage or web\$1site\$1 or online or (on adj line) or extranet or intranet)))) and (transmit send transmis\$4 transfer\$3 deliver\$3 forward\$3 rout\$3 export\$3 dispatch\$3 relay\$3 redirect\$3) same (Messag\$3 or email\$3 or transmission or (e or electronic) adj (mail\$3 Or letter) or emessag\$3 (short adj message adj service)).ab. | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/14 08:40 |
| S21 | 2 | ((multiple many plurality).ab. with (computer client processor system). ab. and ((progress.ab.) same ((execute utilize accomplish act make perform) same (Web or www or worldwide\$3 or internet or wideweb or (home adj (page or site)) or web\$1page\$1 or homepage or web\$1site\$1 or online or (on adj line) or extranet or intranet)))) and (transmit send transmis\$4 transfer\$3 deliver\$3 forward\$3 rout\$3 export\$3 dispatch\$3 relay\$3 redirect\$3) same (Messag\$3 or email\$3 or transmission or (e or electronic) adj (mail\$3 Or letter) or emessag\$3 (short adj message adj service)) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/14 08:41 |
| S22 | 1 | "20050021692".pn. | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/14 15:28 |
| S23 | 7 | ("20040030740") or ("20030225894") or ("20030195934") or ("20040133656") or ("20050193057") or ("20050193135") or ("20050256882").PN. | US-PGPUB; USPAT; USOCR; EPO | OR | OFF | 2007/11/14 15:43 |
| S24 | 134 | adachi-isamu.in. yamaguchi-satoshi. in. mattingly.as. | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/14 17:41 |
| S25 | 127 | adachi-isamu.in. yamaguchi-satoshi. in. mattingly-stanger.as. | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/14 17:41 |

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|-----|---------|---|--------------------------------|----|----|------------------|
| S26 | 0 | mattingly-stanger.as. | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/14 17:42 |
| S27 | 7 | mattingly.as. | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/14 17:43 |
| S28 | 47789 | hitachi.as. | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/14 17:43 |
| S29 | 47914 | hitachi.as. adachi-isamu.in. yamaguchi-satoshi.in. | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/14 17:43 |
| S30 | 30026 | S29 and process | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/14 17:44 |
| S31 | 1190917 | (transmit send transmis\$4 transfer\$3 deliver\$3 forward\$3 rout\$3 export\$3 dispatch\$3 relay\$3 redirect\$3) same (Messag\$3 or email\$3 or transmission or (e or electronic) adj (mail\$3 Or letter) or emessag\$3 (short adj message adj service)) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/14 17:44 |
| S32 | 4162580 | multiple many plurality | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/14 17:44 |
| S33 | 3671236 | computer client processor system | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/14 17:44 |
| S34 | 1127417 | S32 with S33 | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/14 17:44 |
| S35 | 197242 | (execute utilize accomplish act make perform) same (Web or www or worldwide\$3 or internet or wideweb or (home adj (page or site)) or web\$1page\$1 or homepage or web\$1site\$1 or online or (on adj line) or extranet or intranet) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/14 17:44 |
| S36 | 2007 | progress same S35 | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/14 17:44 |
| S37 | 1452 | S34 and S36 | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/14 17:44 |
| S38 | 1161 | S37 and S31 | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/14 17:44 |

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|-----|---|-------------|--------------------------------|----|----|------------------|
| S39 | 7 | S38 and S29 | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/11/14 17:44 |
|-----|---|-------------|--------------------------------|----|----|------------------|